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== For the backport-util-concurrent library      ==  
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</div>
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-- activemq-xmpp

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-- activemq-web

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== For the behaviour.js library           ==
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== For the style.css library                 ==
== For the common.js library                ==
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Initial authors:

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=====
== For the style.css library           ==
== For the common.js library          ==
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=====  
== For the backport-util-concurrent library          ==  
=====
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-- activemq-web

=====
== For the behaviour.js library ==
=====

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--activemq-web-demo  
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== For the scriptaculous.js library  ==  
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```

```
=====  
== For the style.css library           ==  
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=====
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== For the standardista-table-sorting.js library
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== For the css.js library
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```
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=====
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== For the JDom library                               ==  
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== For the common.js library          ==
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2001-12-12

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1.4 Bean Validation API 1.0.0.GA

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1.5 Emoji Java 3.3.0

1.6 Hibernate Commons Annotations

3.2.0.Final

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1.8 hibernate-jpa-2.0-api 1.0.1.Final

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1.10 jackson-annotations 2.9.8

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1.11 jackson-core 2.9.8

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1.12 Jackson-core-asl 1.8.3

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1.13 jackson-databind 2.10.0

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1.14 jackson-datatype-joda 2.9.8

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1.15 jackson-mapper-asl 1.8.3

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1.16 jain-sip-ri 1.2.170-NIO

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* ~~~~~
*
* Module Name : JSIP Specification
* File Name   : TransportNotSupportedException.java
* Author      : Phelim O'Doherty
*
* HISTORY
* Version  Date   Author      Comments
* 1.1     08/10/2002 Phelim O'Doherty Initial version
* ~~~~~

```

1.17 Java Servlet API 3.0.1

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1.18 JBoss Application Server 7.1.2

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*/

package javax.transaction;

/**

* This exception is meant to be thrown by the rollback operation on
* a resource to report that a heuristic decision was made and that all
* relevant updates have been committed.
* <p>
* But though defined in JTA this exception is used nowhere in JTA, and

```

* it seems impossible to report a heuristic commit decision with the JTA
* API in a portable way.
*
* @version $Revision: 108265 $
*/
public class HeuristicCommitException extends Exception
{

    /**
     * Creates a new <code>HeuristicMixedException</code> without a
     * detail message.
     */
    public HeuristicCommitException()
    {
    }

    /**
     * Constructs an <code>HeuristicCommitException</code> with the
     * specified detail message.
     *
     * @param msg the detail message.
     */
    public HeuristicCommitException(String msg)
    {
        super(msg);
    }
}

```

1.20 joda-time-hibernate 1.4

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1.22 JUnit 4.12

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1.23 Mobicents Sip Servlets 2.0.0.FINAL

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1.26 mobicents-jain-sip-ext 1.2.0.FINAL

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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
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JAIN(TM) Session Initiation Protocol ("SIP") Specification
("Specification")

Version: 1.0

Status: FCS

Specification Lead: Dynamicsoft ("Specification Lead")

Release: May 25, 2001

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```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

```
This library is free software; you can redistribute it and/or  
modify it under the terms of the GNU Lesser General Public  
License as published by the Free Software Foundation; either  
version 2.1 of the License, or (at your option) any later version.
```

```
This library is distributed in the hope that it will be useful,  
but WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
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```

```
You should have received a copy of the GNU Lesser General Public  
License along with this library; if not, write to the Free Software  
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
```

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```
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library `Frob' (a library for tweaking knobs) written by James Random Hacker.
```

```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
```

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1.29 PostgreSQL 9.4.23

1.29.1 Available under license :

```
diff -c -r bsd_indent/Makefile pg_bsd_indent/Makefile
*** bsd_indent/Makefile Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/Makefile Wed Oct 12 12:17:12 2011
*****
*** 2,10 ****
# Makefile
#
#
! TARGET = indent
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *copyright="
! CFLAGS = -g
```

```

LIBS =

$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o
--- 2,10 ----
# Makefile
#
#
! TARGET = pg_bsd_indent
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *copyright="
! CFLAGS = -O
LIBS =

$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o
*****
*** 31,37 ****
clean:
  rm -f *.o $(TARGET) log core

! install:
! make clean
! make CFLAGS=-O
  install -s -o bin -g bin $(TARGET) /usr/local/bin
--- 31,35 ----
clean:
  rm -f *.o $(TARGET) log core

! install: $(TARGET)
  install -s -o bin -g bin $(TARGET) /usr/local/bin
diff -c -r bsd_indent/README pg_bsd_indent/README
*** bsd_indent/README Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/README Mon Nov 14 19:30:24 2005
*****
*** 1,3 ****
--- 1,13 ----
+
+ This patch is from NetBSD current, 2005-11-14. It contains all the
+ patches need for its use in PostgreSQL.
+
+ bjm
+
+ -----
+
+
+
+ This is the C indenter, it originally came from the University of Illinois
+ via some distribution tape for PDP-11 Unix. It has subsequently been
+ hacked upon by James Gosling @ CMU. It isn't very pretty, and really needs
diff -c -r bsd_indent/args.c pg_bsd_indent/args.c

```

```

*** bsd_indent/args.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/args.c Wed Oct 26 17:16:56 2011
*****
*** 83,88 ****
--- 83,90 ----
#include <string.h>
#include "indent_globs.h"

+ #define INDENT_PG_VERSION "1.1"
+
/* profile types */
#define PRO_SPECIAL 1 /* special case */
#define PRO_BOOL 2 /* boolean */
*****
*** 99,106 ****
--- 101,113 ----
#define STDIN 3 /* use stdin */
#define KEY 4 /* type (keyword) */

+ #define KEY_FILE 5 /* only used for args */
+ #define VERSION 6 /* only used for args */
+
char *option_source = "?";

+ void add_typedefs_from_file(char *str);
+
/*
* N.B.: because of the way the table here is scanned, options whose names are
* substrings of other options must occur later; that is, with -lp vs -l, -lp
*****
*** 118,123 ****
--- 125,136 ----
    "T", PRO_SPECIAL, 0, KEY, 0
    },
    {
+ "U", PRO_SPECIAL, 0, KEY_FILE, 0
+ },
+ {
+ "V", PRO_SPECIAL, 0, VERSION, 0
+ },
+ {
    "bacc", PRO_BOOL, false, ON, &blanklines_around_conditional_compilation
    },
    {
*****
*** 425,430 ****
--- 438,456 ----
    }

```

```

break;

+ case KEY_FILE:
+   if (*param_start == 0)
+     goto need_param;
+   add_typedefs_from_file(param_start);
+   break;
+
+ case VERSION:
+   {
+     printf("pg_bsd_indent %s\n", INDENT_PG_VERSION);
+     exit(0);
+   }
+   break;
+
+ default:
+   fprintf(stderr, "\
indent: set_option: internal error: p_special %d\n", p->p_special);
+   *****
+   *** 459,461 ***
+   --- 485,508 ----
+   exit(1);
+   }
+   }
+
+ void
+ add_typedefs_from_file(char *str)
+ {
+   FILE *file;
+   char line[BUFSIZ];
+
+   if ((file = fopen(param_start, "r")) == NULL)
+   {
+     fprintf(stderr, "indent: cannot open file %s\n", str);
+     exit(1);
+   }
+   while ((fgets(line, BUFSIZ, file)) != NULL)
+   {
+     /* Remove trailing whitespace */
+     *(line + strcspn(line, "\t\n\r")) = '\0';
+     addkey(strdup(line), 4);
+   }
+   fclose(file);
+ }

```

Only in pg_bsd_indent: args.o
Only in pg_bsd_indent: indent.bsd.patch
Only in pg_bsd_indent: indent.o

```

diff -c -r bsd_indent/indent_globs.h pg_bsd_indent/indent_globs.h
*** bsd_indent/indent_globs.h Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/indent_globs.h Mon Nov 14 19:30:24 2005
*****
*** 239,245 ****
    scomf, /* Same line comment font */
    bodyf; /* major body font */

! #define STACK_SIZE 150

EXTERN struct parser_state {
    int  last_token;
--- 239,249 ----
    scomf, /* Same line comment font */
    bodyf; /* major body font */

! /*
! * This controls the maximum number of 'else if' clauses supported.
! * If it is exceeded, comments are placed in column 100.
! */
! #define STACK_SIZE 1000

EXTERN struct parser_state {
    int  last_token;
Only in pg_bsd_indent: io.o
diff -c -r bsd_indent/lexi.c pg_bsd_indent/lexi.c
*** bsd_indent/lexi.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/lexi.c Mon Nov 14 19:30:24 2005
*****
*** 93,99 ****
    int  rrcode;
};

! struct templ specials[1000] =
{
    {"switch", 1},
    {"case", 2},
--- 93,99 ----
    int  rrcode;
};

! struct templ specials[16384] =
{
    {"switch", 1},
    {"case", 2},
*****
*** 622,629 ****
    else

```



```

    p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
!   return; /* For now, table overflows are silently
!   * ignored */
    p->rwd = key;
    p->rwcode = val;
    p[1].rwd = 0;
--- 622,632 ----
    else
        p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
!   {
!   fprintf(stderr, "indent: typedef table overflow\n");
!   exit(1);
!   }
!
    p->rwd = key;
    p->rwcode = val;
    p[1].rwd = 0;
Only in pg_bsd_indent: lexi.o
diff -c -r bsd_indent/parse.c pg_bsd_indent/parse.c
*** bsd_indent/parse.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/parse.c Mon Nov 14 19:30:24 2005
*****
*** 231,236 ****
--- 231,241 ----

    } /* end of switch */

+ if (ps.tos >= STACK_SIZE) {
+   fprintf(stderr, "indent: stack size overflow\n");
+   exit(1);
+ }
+
+   reduce(); /* see if any reduction can be done */

#ifdef debug
Only in pg_bsd_indent: parse.o
diff -c -r bsd_indent/pr_comment.c pg_bsd_indent/pr_comment.c
*** bsd_indent/pr_comment.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/pr_comment.c Mon Nov 14 19:30:24 2005
*****
*** 148,154 ****
    ps.box_com = true;
    ps.com_col = 1;
    } else {
!   if (*buf_ptr == '-' || *buf_ptr == '*' || *buf_ptr == '\n') {
        ps.box_com = true; /* a comment with a '-', '*'

```

```

    * or newline immediately
    * after the start comment is
--- 148,158 ----
    ps.box_com = true;
    ps.com_col = 1;
    } else {
! /*
! * Don't process '\n' or every comment is treated as a
! * block comment, meaning there is no wrapping.
! */
! if (*buf_ptr == '-' || *buf_ptr == '*') {
    ps.box_com = true; /* a comment with a '-', '*'
        * or newline immediately
        * after the start comment is
*****
*** 328,333 ****
--- 332,350 ----
        goto end_of_comment;
    }
    } while (*buf_ptr == ' ' || *buf_ptr == '\t');
+
+ /*
+ * If there is a blank comment line, we need to prefix
+ * the line with the same three spaces that "/* " takes up.
+ * Without this code, blank stared lines in comments have
+ * three too-many characters on the line when wrapped.
+ */
+ if (s_com == e_com) {
+     *e_com++ = ' '; /* add blanks for continuation */
+     *e_com++ = ' ';
+     *e_com++ = ' ';
+     now_col += 3;
+ }
    } else
        if (++buf_ptr >= buf_end)
            fill_buffer();
Only in pg_bsd_indent: pr_comment.o
diff -c -r bsd_indent/Makefile pg_bsd_indent/Makefile
*** bsd_indent/Makefile Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/Makefile Wed Oct 12 12:17:12 2011
*****
*** 2,10 ****
# Makefile
#
#
! TARGET = indent
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *copyright="
! CFLAGS = -g

```

```

LIBS =

$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o
--- 2,10 ----
# Makefile
#
#
! TARGET = pg_bsd_indent
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *copyright="
! CFLAGS = -O
LIBS =

$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o
*****
*** 31,37 ****
clean:
  rm -f *.o $(TARGET) log core

! install:
! make clean
! make CFLAGS=-O
  install -s -o bin -g bin $(TARGET) /usr/local/bin
--- 31,35 ----
clean:
  rm -f *.o $(TARGET) log core

! install: $(TARGET)
  install -s -o bin -g bin $(TARGET) /usr/local/bin
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+ -----
+
+
+
+ This is the C indenter, it originally came from the University of Illinois
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/* profile types */
#define PRO_SPECIAL 1 /* special case */
#define PRO_BOOL 2 /* boolean */
*****
*** 99,106 ****
--- 101,113 ----
#define STDIN 3 /* use stdin */
#define KEY 4 /* type (keyword) */

+ #define KEY_FILE 5 /* only used for args */
+ #define VERSION 6 /* only used for args */
+
char *option_source = "?";

+ void add_typedefs_from_file(char *str);
+
/*
* N.B.: because of the way the table here is scanned, options whose names are
* substrings of other options must occur later; that is, with -lp vs -l, -lp
*****
*** 118,123 ****
--- 125,136 ----
    "T", PRO_SPECIAL, 0, KEY, 0
    },
    {
+ "U", PRO_SPECIAL, 0, KEY_FILE, 0
+ },
+ {
+ "V", PRO_SPECIAL, 0, VERSION, 0
+ },
+ {
    "bacc", PRO_BOOL, false, ON, &blanklines_around_conditional_compilation
    },
    {
*****
*** 425,430 ****
--- 438,456 ----
    }

```

```

break;

+ case KEY_FILE:
+ if (*param_start == 0)
+ goto need_param;
+ add_typedefs_from_file(param_start);
+ break;
+
+ case VERSION:
+ {
+ printf("pg_bsd_indent %s\n", INDENT_PG_VERSION);
+ exit(0);
+ }
+ break;
+
default:
    fprintf(stderr, "\
indent: set_option: internal error: p_special %d\n", p->p_special);
*****
*** 459,461 ****
--- 485,508 ----
    exit(1);
}
}
+
+
+ void
+ add_typedefs_from_file(char *str)
+ {
+ FILE *file;
+ char line[BUFSIZ];
+
+ if ((file = fopen(param_start, "r")) == NULL)
+ {
+ fprintf(stderr, "indent: cannot open file %s\n", str);
+ exit(1);
+ }
+ while ((fgets(line, BUFSIZ, file)) != NULL)
+ {
+ /* Remove trailing whitespace */
+ *(line + strcspn(line, "\t\n\r")) = '\0';
+ addkey(strdup(line), 4);
+ }
+ fclose(file);
+ }
Only in pg_bsd_indent: args.o
Only in pg_bsd_indent: indent.bsd.patch
Only in pg_bsd_indent: indent.o

```

```

diff -c -r bsd_indent/indent_globs.h pg_bsd_indent/indent_globs.h
*** bsd_indent/indent_globs.h Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/indent_globs.h Mon Nov 14 19:30:24 2005
*****
*** 239,245 ****
    scomf, /* Same line comment font */
    bodyf; /* major body font */

! #define STACK_SIZE 150

EXTERN struct parser_state {
    int  last_token;
--- 239,249 ----
    scomf, /* Same line comment font */
    bodyf; /* major body font */

! /*
! * This controls the maximum number of 'else if' clauses supported.
! * If it is exceeded, comments are placed in column 100.
! */
! #define STACK_SIZE 1000

EXTERN struct parser_state {
    int  last_token;
Only in pg_bsd_indent: io.o
diff -c -r bsd_indent/lexi.c pg_bsd_indent/lexi.c
*** bsd_indent/lexi.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/lexi.c Mon Nov 14 19:30:24 2005
*****
*** 93,99 ****
    int  rrcode;
};

! struct templ specials[1000] =
{
    {"switch", 1},
    {"case", 2},
--- 93,99 ----
    int  rrcode;
};

! struct templ specials[16384] =
{
    {"switch", 1},
    {"case", 2},
*****
*** 622,629 ****
    else

```

```

    p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
!   return; /* For now, table overflows are silently
!   * ignored */
    p->rwd = key;
    p->rwcode = val;
    p[1].rwd = 0;
--- 622,632 ----
    else
        p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
!   {
!   fprintf(stderr, "indent: typedef table overflow\n");
!   exit(1);
!   }
!
    p->rwd = key;
    p->rwcode = val;
    p[1].rwd = 0;
Only in pg_bsd_indent: lexi.o
diff -c -r bsd_indent/parse.c pg_bsd_indent/parse.c
*** bsd_indent/parse.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/parse.c Mon Nov 14 19:30:24 2005
*****
*** 231,236 ****
--- 231,241 ----

    } /* end of switch */

+ if (ps.tos >= STACK_SIZE) {
+   fprintf(stderr, "indent: stack size overflow\n");
+   exit(1);
+ }
+
+   reduce(); /* see if any reduction can be done */

#ifdef debug
Only in pg_bsd_indent: parse.o
diff -c -r bsd_indent/pr_comment.c pg_bsd_indent/pr_comment.c
*** bsd_indent/pr_comment.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/pr_comment.c Mon Nov 14 19:30:24 2005
*****
*** 148,154 ****
    ps.box_com = true;
    ps.com_col = 1;
    } else {
!   if (*buf_ptr == '-' || *buf_ptr == '*' || *buf_ptr == '\n') {
        ps.box_com = true; /* a comment with a '-', '*'

```

```

    * or newline immediately
    * after the start comment is
--- 148,158 ----
    ps.box_com = true;
    ps.com_col = 1;
    } else {
! /*
! * Don't process '\n' or every comment is treated as a
! * block comment, meaning there is no wrapping.
! */
! if (*buf_ptr == '-' || *buf_ptr == '*') {
    ps.box_com = true; /* a comment with a '-', '*'
        * or newline immediately
        * after the start comment is
*****
*** 328,333 ****
--- 332,350 ----
        goto end_of_comment;
    }
    } while (*buf_ptr == ' ' || *buf_ptr == '\t');
+
+ /*
+ * If there is a blank comment line, we need to prefix
+ * the line with the same three spaces that "/* " takes up.
+ * Without this code, blank stared lines in comments have
+ * three too-many characters on the line when wrapped.
+ */
+ if (s_com == e_com) {
+     *e_com++ = ' '; /* add blanks for continuation */
+     *e_com++ = ' ';
+     *e_com++ = ' ';
+     now_col += 3;
+ }
    } else
        if (++buf_ptr >= buf_end)
            fill_buffer();

```

Only in pg_bsd_indent: pr_comment.o

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```
*****
```

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REL="NEXT"
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> is Copyright &copy; 1996-2019
by the PostgreSQL Global Development Group.
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>31.12. Notice Processing</A
></H1
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> Notice and warning messages generated by the server are not returned
by the query execution functions, since they do not imply failure of
the query. Instead they are passed to a notice handling function, and
execution continues normally after the handler returns. The default
notice handling function prints the message on
<TT
CLASS="FILENAME"
>stderr</TT
>, but the application can override this
behavior by supplying its own handling function.
</P
><P
> For historical reasons, there are two levels of notice handling, called
the notice receiver and notice processor. The default behavior is for
the notice receiver to format the notice and pass a string to the notice
processor for printing. However, an application that chooses to provide
its own notice receiver will typically ignore the notice processor
layer and just do all the work in the notice receiver.
</P
><P
> The function <CODE
CLASS="FUNCTION"
>PQsetNoticeReceiver</CODE
>
sets or
examines the current notice receiver for a connection object.
Similarly, <CODE
CLASS="FUNCTION"
>PQsetNoticeProcessor</CODE
>

```

sets or
examines the current notice processor.

```
</P><PRE  
CLASS="SYNOPSIS"  
>typedef void (*PQnoticeReceiver) (void *arg, const PGresult *res);
```

```
PQnoticeReceiver  
PQsetNoticeReceiver(PGconn *conn,  
                    PQnoticeReceiver proc,  
                    void *arg);
```

```
typedef void (*PQnoticeProcessor) (void *arg, const char *message);
```

```
PQnoticeProcessor  
PQsetNoticeProcessor(PGconn *conn,  
                    PQnoticeProcessor proc,  
                    void *arg);</PRE
```

```
><P>
```

Each of these functions returns the previous notice receiver or processor function pointer, and sets the new value. If you supply a null function pointer, no action is taken, but the current pointer is returned.

```
</P
```

```
><P
```

> When a notice or warning message is received from the server, or generated internally by <SPAN

```
CLASS="APPLICATION"
```

```
>libpq</SPAN
```

>, the notice

receiver function is called. It is passed the message in the form of

a <TT

```
CLASS="SYMBOL"
```

```
>PGRES_NONFATAL_ERROR</TT
```

```
>
```

```
<TT
```

```
CLASS="STRUCTNAME"
```

```
>PGresult</TT
```

>. (This allows the receiver to extract

individual fields using <CODE

```
CLASS="FUNCTION"
```

```
>PQresultErrorField</CODE
```

>, or the complete

preformatted message using <CODE

```
CLASS="FUNCTION"
```

```
>PQresultErrorMessage</CODE
```


>.) The same
void pointer passed to <CODE
CLASS="FUNCTION"
>PQsetNoticeReceiver</CODE
> is also
passed. (This pointer can be used to access application-specific state
if needed.)
</P
><P
> The default notice receiver simply extracts the message (using
<CODE
CLASS="FUNCTION"
>PQresultErrorMessage</CODE
>) and passes it to the notice
processor.
</P
><P
> The notice processor is responsible for handling a notice or warning
message given in text form. It is passed the string text of the message
(including a trailing newline), plus a void pointer that is the same
one passed to <CODE
CLASS="FUNCTION"
>PQsetNoticeProcessor</CODE
>. (This pointer
can be used to access application-specific state if needed.)
</P
><P
> The default notice processor is simply:
</P><PRE
CLASS="PROGRAMLISTING"
>static void
defaultNoticeProcessor(void *arg, const char *message)
{
printf(stderr, "%s", message);
}</PRE
><P>
</P
><P
> Once you have set a notice receiver or processor, you should expect
that that function could be called as long as either the
<TT
CLASS="STRUCTNAME"
>PGconn</TT
> object or <TT
CLASS="STRUCTNAME"
>PGresult</TT
> objects made
from it exist. At creation of a <TT

```

CLASS="STRUCTNAME"
>PGresult</TT
>, the
  <TT
CLASS="STRUCTNAME"
>PGconn</TT
>'s current notice handling pointers are copied
  into the <TT
CLASS="STRUCTNAME"
>PGresult</TT
> for possible use by functions like
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CLASS="FUNCTION"
>PQgetvalue</CODE
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<!-- doc/src/sgml/legal.sgml -->

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<year>1996-2019</year>
<holder>The PostgreSQL Global Development Group</holder>
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<legalnotice id="legalnotice">
<title>Legal Notice</title>

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1.30 quartz 2.2.1

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1.45 Spring Security Core 4.1.2.RELEASE

1.46 Spring Security Web 4.1.2.RELEASE

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1.48 Spring Web 4.3.1.RELEASE

1.49 Spring Web MVC 4.3.1.RELEASE

1.50 spring-amqp 1.7.4.RELEASE

1.51 usertype.core 3.0.0.CR1

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1.52 Wicket 7.8.0

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 */
package org.apache.wicket.util.license;

import java.util.Arrays;

/**
 * Test that the license headers are in place in this project. The tests are run from
 * {@link ApacheLicenseHeaderTestCase}, but you can add project specific tests here if needed.
 *
 * @author Frank Bille Jensen (frankbille)
 */
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{

    /**
     * Construct.
     */
    public ApacheLicenceHeaderTest()
    {
        // addHeaders = true;

        /**
         * This is an example project. Therefore we'd rather not have license headers in html files,
         * because it removes the focus away from what the example is about.
         */
        htmlIgnore = Arrays.asList("src");

        /** same, same */
        velocityIgnore = Arrays.asList("src");
    }
}
```

```

/*
 * Prototype, released under MIT. See NOTICE
 */
javascriptIgnore.add("src/main/webapp/prototype.js");
/*
 * jQuery UI, released under MIT. See NOTICE
 */
javascriptIgnore.add("src/main/webapp/jquery-ui-1.10.3.custom.js");
/*
 * Behaviour, released under BSD. See NOTICE
 */
javascriptIgnore.add("src/main/java/org/apache/wicket/examples/preview/behaviour.js");
/*
 * DOJO is dual licensed. We use the BSD license. See NOTICE.
 */
javascriptIgnore.add("src/main/java/org/apache/wicket/examples/preview/dojo.js");

/**
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 */
javascriptIgnore.add("src/main/webapp/js-test/lib/qunit.js");
javascriptIgnore.add("src/main/webapp/js-test/lib/jquery.js");

cssIgnore.add("src/main/webapp/js-test/lib/qunit.css");

/*
 * Part of an example
 */
xmlIgnore.add("src/main/java/org/apache/wicket/examples/compref/XMLPage.xml");
xmlIgnore.add(".settings");

/*
 * Configuration files with no "intelligent" content
 */
propertiesIgnore.add("src/main/java/commons-logging.properties");
propertiesIgnore.add("src/main/java/log4j.properties");

xmlPrologIgnore = Arrays.asList("src");
}
}
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package org.apache.wicket.util.license;

/**
 * Test that the license headers are in place in this project. The tests are run from
 * {@link ApacheLicenseHeaderTestCase}, but you can add project specific tests here if needed.
 *
 * @author Frank Bille Jensen (frankbille)
 */
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
    /**
     * Construct.
     */
    public ApacheLicenceHeaderTest()
    {
        // addHeaders = true;
    }
}

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 */
package org.apache.wicket.util.license;

/**
 * Test that the license headers are in place in this project. The tests are run from
 * {@link ApacheLicenseHeaderTestCase}, but you can add project specific tests here if needed.

```

```

*
* @author Frank Bille Jensen (frankbille)
*/
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
/**
* Construct.
*/
public ApacheLicenceHeaderTest()
{
// addHeaders = true;
}
}
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[1]: <http://the-stickman.com/web-development/javascript/upload-multiple-files-with-a-single-file-element/>

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*/

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/**

* Test that the license headers are in place in this project. The tests are run from
* { @link org.apache.wicket.util.license.apacheLicenseHeaderCode }, but you can add project
* specific tests here if needed.

*/

public class ApacheLicenceHeaderCode extends ApacheLicenseHeaderCode

{

/**

* Construct.

*/

public ApacheLicenceHeaderCode()

{

// addHeaders = true;

```
    javascriptIgnore.add("src/main/java/org/apache/wicket/atmosphere/jquery.atmosphere.js");
  }
}
```

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*/

```
package org.apache.wicket.util.license;
```

```
import java.io.File;
```

```

import java.io.FileFilter;
import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;
import java.util.Map;
import java.util.Map.Entry;

import org.apache.wicket.util.lang.Generics;
import org.apache.wicket.util.string.Strings;
import org.junit.Assert;
import org.junit.Before;
import org.junit.Test;
import org.slf4j.Logger;
import org.slf4j.LoggerFactory;

/**
 * Testcase used in the different wicket projects for testing for the correct ASL license headers.
 * Doesn't really make sense outside org.apache.wicket.
 *
 * @author Frank Bille Jensen (frankbille)
 */
public abstract class ApacheLicenseHeaderTestCase extends Assert
{
    /** Log. */
    private static final Logger log = LoggerFactory.getLogger(ApacheLicenseHeaderTestCase.class);

    private static final String LINE_ENDING = System.getProperty("line.separator");

    static interface FileVisitor
    {
        /**
         * @param file
         */
        void visitFile(File file);
    }

    private class SuffixAndIgnoreFileFilter implements FileFilter
    {
        private final List<String> suffixes;
        private final List<String> ignoreFiles;

        private SuffixAndIgnoreFileFilter(final List<String> suffixes,
            final List<String> ignoreFiles)
        {
            this.suffixes = suffixes;
            this.ignoreFiles = ignoreFiles;
        }
    }

```

```

@Override
public boolean accept(final File pathname)
{
    boolean accept = false;

    if (pathname.isFile())
    {
        if (ignoreFile(pathname) == false)
        {
            for (String suffix : suffixes)
            {
                if (pathname.getName().endsWith("." + suffix))
                {
                    accept = true;
                    break;
                }
            }
            else
            {
                log.info("File ignored: '{}'", pathname.toString());
            }
        }
        else
        {
            log.info("File ignored: '{}'", pathname.toString());
        }
    }

    return accept;
}

private boolean ignoreFile(final File pathname)
{
    boolean ignore = false;

    if (ignoreFiles != null)
    {
        String relativePathname = pathname.getAbsolutePath();
        relativePathname = Strings.replaceAll(relativePathname,
            baseDirectory.getAbsolutePath() + System.getProperty("file.separator"), "")
            .toString();

        for (String ignorePath : ignoreFiles)
        {
            // Will convert '/'s to '\\s on Windows
            ignorePath = Strings.replaceAll(ignorePath, "/",
                System.getProperty("file.separator")).toString();
            File ignoreFile = new File(baseDirectory, ignorePath);

```



```

// Directory ignore
if (ignoreFile.isDirectory())
{
if (pathname.getAbsolutePath().startsWith(ignoreFile.getAbsolutePath()))
{
ignore = true;
break;
}
}
// Absolute file
else if (ignoreFile.isFile())
{
if (relativePathname.equals(ignorePath))
{
ignore = true;
break;
}
}
else if (pathname.getName().equals(ignorePath))
{
ignore = true;
break;
}
}

return ignore;
}
}

```

```

private class DirectoryFileFilter implements FileFilter
{
private final String[] ignoreDirectory = new String[] { ".svn" };

@Override
public boolean accept(final File pathname)
{
boolean accept = false;

if (pathname.isDirectory())
{
String relativePathname = pathname.getAbsolutePath();
relativePathname = Strings.replaceAll(relativePathname,
baseDirectory.getAbsolutePath() + System.getProperty("file.separator"), "")
.toString();
if (relativePathname.equals("target") == false)
{

```

```

boolean found = false;
for (String ignore : ignoreDirectory)
{
    if (pathname.getName().equals(ignore))
    {
        found = true;
        break;
    }
}
if (found == false)
{
    accept = true;
}
}
}

return accept;
}
}

private ILicenseHeaderHandler[] licenseHeaderHandlers;

private File baseDirectory = new File("").getAbsoluteFile();

protected List<String> javaIgnore = Generics.newArrayList();
protected List<String> htmlIgnore = Generics.newArrayList();
protected List<String> xmlPrologIgnore = Generics.newArrayList();
protected List<String> propertiesIgnore = Generics.newArrayList();
protected List<String> xmlIgnore = Generics.newArrayList();
protected List<String> cssIgnore = Generics.newArrayList();
protected List<String> velocityIgnore = Generics.newArrayList();
protected List<String> javaScriptIgnore = Generics.newArrayList();
protected boolean addHeaders = false;

/**
 * Construct.
 */
public ApacheLicenseHeaderTestCase()
{

    // -----
    // Configure defaults
    // -----

    // addHeaders = true;
    xmlIgnore.add(".settings");
    xmlIgnore.add("EclipseCodeFormat.xml");
    xmlIgnore.add("nb-configuration.xml");

```

```

/*
 * License header in test files lower the visibility of the test.
 */
htmlIgnore.add("src/test/java");

/*
 * Low level configuration files for logging. No license needed.
 */
propertiesIgnore.add("src/test/java");

/*
 * .html in test is very test specific and a license header would confuse and make it
 * unclear what the test is about.
 */
xmlPrologIgnore.add("src/test/java");

/*
 * Ignore package.html
 */
xmlPrologIgnore.add("package.html");
}

/**
 *
 */
@Before
public final void before()
{
    // setup the base directory for when running inside maven (building a release
    // comes to mind).
    String property = System.getProperty("basedir");
    if (!Strings.isEmpty(property))
    {
        baseDirectory = new File(property).getAbsolutePath();
    }
}

/**
 * Test all the files in the project which has an associated { @link ILicenseHeaderHandler }.
 */
@Test
public void licenseHeaders()
{
    licenseHeaderHandlers = new ILicenseHeaderHandler[] {
        new JavaLicenseHeaderHandler(javaIgnore),
        new JavaScriptLicenseHeaderHandler(javaScriptIgnore),
        new XmlLicenseHeaderHandler(xmlIgnore),
    }
}

```

```

new PropertiesLicenseHeaderHandler(propertiesIgnore),
new HtmlLicenseHeaderHandler(htmlIgnore),
new VelocityLicenseHeaderHandler(velocityIgnore),
new XmlPrologHeaderHandler(xmlPrologIgnore),
new CssLicenseHeaderHandler(cssIgnore), };

final Map<ILicenseHeaderHandler, List<File>> badFiles = new HashMap<>();

for (final ILicenseHeaderHandler licenseHeaderHandler : licenseHeaderHandlers)
{
visitFiles(licenseHeaderHandler.getSuffixes(), licenseHeaderHandler.getIgnoreFiles(),
new FileVisitor()
{
@Override
public void visitFile(final File file)
{
if (licenseHeaderHandler.checkLicenseHeader(file) == false)
{
if ((addHeaders == false) ||
(licenseHeaderHandler.addLicenseHeader(file) == false))
{
List<File> files = badFiles.get(licenseHeaderHandler);

if (files == null)
{
files = new ArrayList<>();
badFiles.put(licenseHeaderHandler, files);
}

files.add(file);
}
}
});
}

failIncorrectLicenceHeaders(badFiles);
}

private void failIncorrectLicenceHeaders(final Map<ILicenseHeaderHandler, List<File>> files)
{
if (files.size() > 0)
{
StringBuilder failString = new StringBuilder();

for (Entry<ILicenseHeaderHandler, List<File>> entry : files.entrySet())
{
ILicenseHeaderHandler licenseHeaderHandler = entry.getKey();

```

```

List<File> fileList = entry.getValue();

failString.append("\n");
failString.append(licenseHeaderHandler.getClass().getName());
failString.append(" failed. The following files(");
failString.append(fileList.size());
failString.append(") didn't have correct license header:\n");

for (File file : fileList)
{
    String filename = file.getAbsolutePath();

    // Find the license type
    String licenseType = licenseHeaderHandler.getLicenseType(file);

    if (licenseType == null)
    {
        failString.append("NONE");
    }
    else
    {
        failString.append(licenseType);
    }

    failString.append(" ").append(filename).append(LINE_ENDING);
}

System.out.println(failString);
fail(failString.toString());
}

private void visitFiles(final List<String> suffixes, final List<String> ignoreFiles,
    final FileVisitor fileVisitor)
{
    visitDirectory(suffixes, ignoreFiles, baseDirectory, fileVisitor);
}

private void visitDirectory(final List<String> suffixes, final List<String> ignoreFiles,
    final File directory, final FileVisitor fileVisitor)
{
    File[] files = directory.listFiles(new SuffixAndIgnoreFileFilter(suffixes, ignoreFiles));

    if (files != null)
    {
        for (File file : files)
        {

```

```

fileVisitor.visitFile(file);
}
}

// Find the directories in this directory on traverse deeper
files = directory.listFiles(new DirectoryFileFilter());

if (files != null)
{
for (File childDirectory : files)
{
visitDirectory(suffixes, ignoreFiles, childDirectory, fileVisitor);
}
}
}
}
}

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*/

```

```

package org.apache.wicket.util.license;

import java.io.File;
import java.util.Arrays;
import java.util.List;

class JavaScriptLicenseHeaderHandler extends AbstractLicenseHeaderHandler
{
    /**
     * Construct.
     *
     * @param ignoreFiles
     */
    public JavaScriptLicenseHeaderHandler(final List<String> ignoreFiles)
    {
        super(ignoreFiles);
    }

    @Override
    protected String getLicenseHeaderFilename()
    {
        return "javaScriptLicense.txt";
    }

    @Override
    public boolean checkLicenseHeader(final File file)
    {
        String header = extractLicenseHeader(file, 0, 16);

        return getLicenseHeader().equals(header);
    }

    @Override
    public List<String> getSuffixes()
    {
        return Arrays.asList("js", "json");
    }

    @Override
    public boolean addLicenseHeader(final File file)
    {
        prependLicenseHeader(file);

        return true;
    }
}

```

```

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*/

```

```
package org.apache.wicket.util.license;
```

```
import java.io.File;
import java.util.Arrays;
import java.util.List;
```

```
import org.junit.Assert;
import org.apache.wicket.util.diff.Diff;
import org.apache.wicket.util.diff.Revision;
```

```
class VelocityLicenseHeaderHandler extends AbstractLicenseHeaderHandler
```

```
{
/**
 * Construct.
 *
 * @param ignoreFiles
 */
public VelocityLicenseHeaderHandler(final List<String> ignoreFiles)
{
super(ignoreFiles);
}

```

```
@Override
protected String getLicenseHeaderFilename()
{
return "velocityLicense.txt";
}

```

```
@Override
public boolean checkLicenseHeader(final File file)
{
Revision revision = null;

```



```

try
{
String header = extractLicenseHeader(file, 0, 16);

revision = Diff.diff(getLicenseHeader().split(LINE_ENDING), header.split(LINE_ENDING));
}
catch (Exception e)
{
Assert.fail(e.getMessage());
}

return revision.size() == 0;
}

@Override
public List<String> getSuffixes()
{
return Arrays.asList("vm");
}

@Override
public boolean addLicenseHeader(final File file)
{
prependLicenseHeader(file);

return true;
}

}
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*/
package org.apache.wicket.util.license;

```

```

import java.util.Arrays;
import java.util.List;

class HtmlLicenseHeaderHandler extends XmlLicenseHeaderHandler
{
    /**
     * Construct.
     *
     * @param ignoreFiles
     */
    public HtmlLicenseHeaderHandler(final List<String> ignoreFiles)
    {
        super(ignoreFiles);
    }

    @Override
    public List<String> getSuffixes()
    {
        return Arrays.asList("html");
    }
}
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 */
package org.apache.wicket.util.license;

import java.io.File;
import java.io.FileReader;
import java.io.IOException;
import java.io.InputStream;
import java.io.InputStreamReader;
import java.io.LineNumberReader;
import java.util.List;

import org.junit.Assert;

```

```

import org.apache.wicket.util.io.IOUtils;
import org.apache.wicket.util.string.Strings;

abstract class AbstractLicenseHeaderHandler implements ILicenseHeaderHandler
{
    protected static final String LINE_ENDING = System.getProperty("line.separator");
    private String licenseHeader;
    private final List<String> ignoreFiles;

    /**
     * Construct.
     *
     * @param ignoreFiles
     */
    public AbstractLicenseHeaderHandler(final List<String> ignoreFiles)
    {
        this.ignoreFiles = ignoreFiles;
    }

    @Override
    public List<String> getIgnoreFiles()
    {
        return ignoreFiles;
    }

    @Override
    public boolean addLicenseHeader(final File file)
    {
        System.out.println("Not supported yet.");
        return false;
    }

    @Override
    public String getLicenseType(final File file)
    {
        return null;
    }

    protected abstract String getLicenseHeaderFilename();

    protected String getLicenseHeader()
    {
        if (Strings.isEmpty(licenseHeader))
        {
            LineNumberReader lineNumberReader = null;
            InputStream inputStream = null;
            InputStreamReader inputStreamReader = null;

```

```

try
{
    inputStream = ApacheLicenseHeaderTestCase.class.getResourceAsStream(getLicenseHeaderFilename());
    inputStreamReader = new InputStreamReader(inputStream);
    lineNumberReader = new LineNumberReader(inputStreamReader);

    StringBuilder header = new StringBuilder();
    String line = lineNumberReader.readLine();
    while (line != null)
    {
        header.append(line);
        header.append(LINE_ENDING);
        line = lineNumberReader.readLine();
    }

    licenseHeader = header.toString().trim();
}
catch (Exception e)
{
    Assert.fail(e.getMessage());
}
finally
{
    IOUtils.closeQuietly(lineNumberReader);
    IOUtils.closeQuietly(inputStream);
    IOUtils.closeQuietly(inputStreamReader);
}
}

return licenseHeader;
}

```

```

protected String extractLicenseHeader(final File file, final int start, final int length)
{
    StringBuilder header = new StringBuilder();
    LineNumberReader lineNumberReader = null;

    try
    {
        FileReader fileReader = new FileReader(file);
        lineNumberReader = new LineNumberReader(fileReader);

        for (int i = start; i < length; i++)
        {
            header.append(lineNumberReader.readLine());
            header.append(LINE_ENDING);
        }
    }
}

```

```

    }
    catch (Exception e)
    {
        Assert.fail(e.getMessage());
    }
    finally
    {
        try
        {
            IOUtils.close(lineNumberReader);
        }
        catch (IOException e)
        {
            Assert.fail(e.getMessage());
        }
    }

    return header.toString().trim();
}

/**
 * Add the license header to the start of the file without caring about existing license
 * headers.
 *
 * @param file
 *         The file to add the license header to.
 */
protected void prependLicenseHeader(final File file)
{
    try
    {
        String content = new org.apache.wicket.util.file.File(file).readString();
        content = getLicenseHeader() + LINE_ENDING + content;
        new org.apache.wicket.util.file.File(file).write(content);
    }
    catch (Exception e)
    {
        Assert.fail(e.getMessage());
    }
}

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 */
package org.apache.wicket.util.license;

import java.io.File;
import java.util.Arrays;
import java.util.List;
import java.util.regex.Matcher;
import java.util.regex.Pattern;

import org.junit.Assert;
import org.apache.wicket.util.diff.Diff;
import org.apache.wicket.util.diff.Revision;
import org.apache.wicket.util.string.Strings;

class XmlLicenseHeaderHandler extends AbstractLicenseHeaderHandler
{
    private final Pattern xmlHeader = Pattern.compile("^(<\\|>?xml[\" + LINE_ENDING + \"]+?)" +
        LINE_ENDING + "(.*)$", Pattern.DOTALL | Pattern.MULTILINE);

    /**
     * Construct.
     *
     * @param ignoreFiles
     */
    public XmlLicenseHeaderHandler(final List<String> ignoreFiles)
    {

```

```

super(ignoreFiles);
}

@Override
protected String getLicenseHeaderFilename()
{
return "xmlLicense.txt";
}

@Override
public boolean checkLicenseHeader(final File file)
{
Revision revision = null;

try
{
String header = extractLicenseHeader(file, 0, 17);

if (header.startsWith("<?xml"))
{
header = header.substring(header.indexOf(LINE_ENDING) + LINE_ENDING.length());
}
else
{
// Then only take the first 16 lines
String[] headers = header.split(LINE_ENDING);
StringBuilder sb = new StringBuilder();
for (int i = 0; (i < 16) && (i < headers.length); i++)
{
if (sb.length() > 0)
{
sb.append(LINE_ENDING);
}
sb.append(headers[i]);
}
header = sb.toString();
}

revision = Diff.diff(getLicenseHeader().split(LINE_ENDING), header.split(LINE_ENDING));
}
catch (Exception e)
{
e.printStackTrace();
Assert.fail(e.getMessage());
}

return revision.size() == 0;
}

```

```

@Override
public List<String> getSuffixes()
{
    return Arrays.asList("xml", "fml");
}

@Override
public boolean addLicenseHeader(final File file)
{
    boolean added = false;

    try
    {
        String content = new org.apache.wicket.util.file.File(file).readString();
        String xml = "";
        StringBuilder newContent = new StringBuilder();

        Matcher mat = xmlHeader.matcher(content);
        if (mat.matches())
        {
            xml = mat.group(1);
            content = mat.group(2);
        }

        if (Strings.isEmpty(xml) == false)
        {
            newContent.append(xml).append(LINE_ENDING);
        }

        newContent.append(getLicenseHeader()).append(LINE_ENDING);
        newContent.append(content);

        new org.apache.wicket.util.file.File(file).write(newContent.toString());
        added = true;
    }
    catch (Exception e)
    {
        Assert.fail(e.getMessage());
    }

    return added;
}
}
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*/

```
package org.apache.wicket.util.license;
```

```
import java.io.File;
```

```
import java.util.Arrays;
```

```
import java.util.List;
```

```
import org.junit.Assert;
```

```
import org.apache.wicket.util.diff.Diff;
```

```
import org.apache.wicket.util.diff.Revision;
```

```
class CssLicenseHeaderHandler extends AbstractLicenseHeaderHandler
```

```
{
```

```
/**
```

```
 * Construct.
```

```
 *
```

```
 * @param ignoreFiles
```

```
 */
```

```
public CssLicenseHeaderHandler(final List<String> ignoreFiles)
```

```
{
```

```
    super(ignoreFiles);
```

```
}
```

```
@Override
```

```
protected String getLicenseHeaderFilename()
```

```
{
```

```
    return "cssLicense.txt";
```

```
}
```

```
@Override
```

```
public boolean checkLicenseHeader(final File file)
```

```
{
```

```
    Revision revision = null;
```

```
try
```

```
{
```

```
    String header = extractLicenseHeader(file, 0, 16);
```

```

    revision = Diff.diff(getLicenseHeader().split(LINE_ENDING), header.split(LINE_ENDING));
}
catch (Exception e)
{
    Assert.fail(e.getMessage());
}

return revision.size() == 0;
}

@Override
public List<String> getSuffixes()
{
    return Arrays.asList("css");
}

@Override
public boolean addLicenseHeader(final File file)
{
    prependLicenseHeader(file);

    return true;
}
}
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*/

```

```
package org.apache.wicket.util.license;
```

```
import java.io.File;
import java.util.Arrays;
import java.util.List;
import java.util.regex.Matcher;
import java.util.regex.Pattern;
```

```
import org.junit.Assert;
import org.apache.wicket.util.string.Strings;
```

```
class JavaLicenseHeaderHandler extends AbstractLicenseHeaderHandler
{
    private final Pattern javaHeaderPattern = Pattern.compile("^(.*)package.*$",
        Pattern.MULTILINE | Pattern.DOTALL);
```

```
/**
```

```
 * Construct.
```

```
 *
```

```
 * @param ignoreFiles
```

```
 */
```

```
public JavaLicenseHeaderHandler(final List<String> ignoreFiles)
```

```
{
    super(ignoreFiles);
}
```

```
@Override
```

```
public boolean addLicenseHeader(final File file)
```

```
{
    boolean added = false;
```

```
try
```

```
{
    String fileContent = new org.apache.wicket.util.file.File(file).readString();
```

```
    Matcher mat = javaHeaderPattern.matcher(fileContent);
```

```
    if (mat.matches())
```

```
{
```

```

String header = mat.group(1);
if (header.equals(getLicenseHeader()) == false)
{
String newContent = Strings.replaceAll(fileContent, header, "").toString();
newContent = getLicenseHeader().trim() + LINE_ENDING + newContent;
new org.apache.wicket.util.file.File(file).write(newContent);

added = true;
}
}
else
{
Assert.fail();
}
}
catch (Exception e)
{
e.printStackTrace();
Assert.fail(e.getMessage());
}

return added;
}

@Override
public boolean checkLicenseHeader(final File file)
{
String header = extractLicenseHeader(file, 0, 16);

return getLicenseHeader().equals(header);
}

@Override
public List<String> getSuffixes()
{
return Arrays.asList("java");
}

@Override
protected String getLicenseHeaderFilename()
{
return "javaLicense.txt";
}

@Override
public String getLicenseType(final File file)
{
String licenseType = null;

```

```
String header = extractLicenseHeader(file, 0, 20);

// Check for some of the known license types:
if (header.contains("Apache License, Version 2.0"))
{
    licenseType = "ASL2";
}
else if (header.contains("The Apache Software License, Version 1.1"))
{
    licenseType = "ASL1.1";
}

return licenseType;
}
}
```

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```

*/
package org.apache.wicket.util.license;

import java.io.File;
import java.util.Arrays;
import java.util.List;

import org.junit.Assert;

class XmlPrologHeaderHandler extends XmlLicenseHeaderHandler
{
/**
 * Construct.
 *
 * @param ignoreFiles
 */
public XmlPrologHeaderHandler(final List<String> ignoreFiles)
{
    super(ignoreFiles);
}

@Override
public List<String> getSuffices()
{
    return Arrays.asList("html");
}

/**
 * @see org.apache.wicket.util.license.XmlLicenseHeaderHandler#checkLicenseHeader(java.io.File)
 */
@Override
public boolean checkLicenseHeader(final File file)
{
    try
    {
        String header = extractLicenseHeader(file, 0, 1);
        return header.startsWith("<?xml");
    }
    catch (Exception e)
    {
        Assert.fail(e.getMessage());
    }
    return true;
}
}
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*/
```

```
package org.apache.wicket.util.license;
```

```
import java.io.File;
import java.util.Arrays;
import java.util.List;
```

```
import org.junit.Assert;
import org.apache.wicket.util.diff.Diff;
import org.apache.wicket.util.diff.Revision;
```

```
class PropertiesLicenseHeaderHandler extends AbstractLicenseHeaderHandler
```

```
{
    /**
     * Construct.
     *
     * @param ignoreFiles
     */
    public PropertiesLicenseHeaderHandler(final List<String> ignoreFiles)
    {
        super(ignoreFiles);
    }
}
```

```
@Override
protected String getLicenseHeaderFilename()
{
    return "propertiesLicense.txt";
}
```

```
@Override
public boolean checkLicenseHeader(final File file)
{
    Revision revision = null;
```

```
try
{
```

```

String header = extractLicenseHeader(file, 0, 14);

revision = Diff.diff(getLicenseHeader().split(LINE_ENDING), header.split(LINE_ENDING));
}
catch (Exception e)
{
    Assert.fail(e.getMessage());
}

return revision.size() == 0;
}

@Override
public List<String> getSuffixes()
{
    return Arrays.asList("properties");
}

@Override
public boolean addLicenseHeader(final File file)
{
    prependLicenseHeader(file);

    return true;
}

}
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 */
package org.apache.wicket.util.license;

import java.io.File;
import java.util.List;

```



```

interface ILicenseHeaderHandler
{
/**
 * @return The suffixes that matches the files that it handles.
 */
List<String> getSuffixes();

/**
 * @return The files to ignore.
 */
List<String> getIgnoreFiles();

/**
 * @param file
 *      Add a license header to the file.
 * @return True if the license were added. False if not.
 */
boolean addLicenseHeader(File file);

/**
 * @param file
 *      The file to check for a correct license header.
 * @return True if the file has a correct license header. False if not.
 */
boolean checkLicenseHeader(File file);

/**
 * Get the license type of the file. F.ex. ASL2, ASL1.1, GPL, LGPL etc.
 *
 * @param file
 *      THE file to get the license type from.
 * @return The license type of the file. Null if no license header in the file.
 */
String getLicenseType(File file);
}
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```

```

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*/
package org.apache.wicket.util.license;

/**
 * Test that the license headers are in place in this project. The tests are run from
 * { @link ApacheLicenseHeaderTestCase }, but you can add project specific tests here if needed.
 *
 * @author Frank Bille Jensen (frankbille)
 */
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
    /**
     * Construct.
     */
    public ApacheLicenceHeaderTest()
    {
        // addHeaders = true;

        /**
         * See NOTICE.txt
         */
        htmlIgnore.add("src/main/java/org/apache/wicket/util/diff");

        xmlPrologIgnore.add("src/main/java/org/apache/wicket/util/diff");

        /**
         * ASL1.1. Taken from Maven JRCS. See NOTICE.txt
         */
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/AddDelta.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/ChangeDelta.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/Chunk.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/DeleteDelta.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/Delta.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/Diff.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/DiffAlgorithm.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/DifferentiationFailedException.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/DiffException.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/PatchFailedException.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/Revision.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/RevisionVisitor.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/ToString.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/myers/DiffNode.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/myers/MyersDiff.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/myers/PathNode.java");
        javaIgnore.add("src/main/java/org/apache/wicket/util/diff/myers/Snake.java");
    }
}

```

```

javaScriptIgnore.add("src/site/xdoc/onestat.js");

/*
 * .js in test is very test specific and a license header would confuse and make it unclear
 * what the test is about.
 */
javaScriptIgnore.add("src/test/java");

/*
 * See NOTICE.txt
 */
javaScriptIgnore.add("src/main/java/org/apache/wicket/ajax/wicket-ajax-debug-drag.js");
javaScriptIgnore.add("src/main/java/org/apache/wicket/markup/html/form/upload/MultiFileUploadField.js");
}
}
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 */
package org.apache.wicket.util.license;

/**
 * Test that the license headers are in place in this project. The tests are run from
 * {@link ApacheLicenseHeaderTestCase}, but you can add project specific tests here if needed.
 *
 * @author Frank Bille Jensen (frankbille)
 */
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
/**
 * Construct.
 */
public ApacheLicenceHeaderTest()
{
// addHeaders = true;

```

```
xmlPrologIgnore.add("src/main/webapp/index.html");  
}  
}
```

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*/

```
package org.apache.wicket.util.license;
```

```
/**
```

```
* Test that the license headers are in place in this project. The tests are run from  
* { @link ApacheLicenseHeaderTestCase }, but you can add project specific tests here if needed.  
*
```

```
* @author Frank Bille Jensen (frankbille)
```

```
*/
```

```
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
```

```
{
```

```
/**
```

```
* Construct.
```

```
*/
```

```
public ApacheLicenceHeaderTest()
```

```
{
```

```
// addHeaders = true;
```

```
htmlIgnore.add("src/main/java/org/apache/wicket/authroles/authentication/pages");
```

```
}
```

```
}
```

Apache Wicket Date Time

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```

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*/

package org.apache.wicket.util.license;

/**
 * Test that the license headers are in place in this project. The tests are run from
 * { @link ApacheLicenseHeaderTestCase }, but you can add project specific tests here if needed.
 *
 * @author Frank Bille Jensen (frankbille)
 */
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
    /**
     * Construct.
     */
    public ApacheLicenceHeaderTest()
    {
        // addHeaders = true;

        /**
         * See NOTICE.txt
         */
        htmlIgnore.add("src/main/java/org/apache/wicket/util/diff");

        /**
         * YUI lib. See NOTICE
         */
        cssIgnore.add("src/main/java/org/apache/wicket/extensions/yui/calendar/assets/skins/sam/calendar.css");
        cssIgnore.add("src/main/java/org/apache/wicket/extensions/yui/calendar/assets/skins/sam/calendar.css");

        /**
         * YUI lib. See NOTICE
         */
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/yuiloader/yuiloader.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/yuiloader/yuiloader-min.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/yahoo/yahoo.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/yahoo/yahoo-min.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/yahoodomevent/yahoo-dom-event.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/event/event.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/event/event-min.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/dom/dom.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/dom/dom-min.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/calendar/calendar.js");
        javascriptIgnore.add("src/main/java/org/apache/wicket/extensions/yui/calendar/calendar-min.js");
    }
}

```

```
}
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```

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 */
package org.apache.wicket.util.license;
```

```
/**
 * Test that the license headers are in place in this project. The tests are run from
 * { @link ApacheLicenseHeaderTestCase }, but you can add project specific tests here if needed.
 *
 * @author Frank Bille Jensen (frankbille)
 */
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
    /**
     * Construct.
     */
    public ApacheLicenceHeaderTest()
    {
        // addHeaders = true;
    }
}
```

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*/

package org.apache.wicket.util.license;

/**

* Test that the license headers are in place in this project. The tests are run from
* { @link ApacheLicenseHeaderTestCase }, but you can add project specific tests here if needed.

*/

public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase

{

/**

* Construct.

*/

public ApacheLicenceHeaderTest()

{

// addHeaders = true;

velocityIgnore.add("src/test/java/org/apache/wicket/contrib/velocity/testTemplate.vm");

}

}

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package wicket.util.license;

/**
 * Test that the license headers are in place in this project. The tests are run
 * from { @link ApacheLicenseHeaderTestCase }, but you can add project specific
 * tests here if needed.
 *
 * @author Frank Bille Jensen (frankbille)
 */
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase {

    /**
     * Construct.
     */
    public ApacheLicenceHeaderTest() {
        xmlIgnore = new String[] { ".settings" };
    }
}

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 */
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import org.apache.wicket.util.license.ApacheLicenseHeaderTestCase;

/**

```



```

* Test that the license headers are in place in this project. The tests are run from
* { @link org.apache.wicket.util.license.ApacheLicenseHeaderTestCase }, but you can add project specific tests here
if needed.
*
* @author Frank Bille Jensen (frankbille)
*/
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
/**
* Construct.
*/
public ApacheLicenceHeaderTest()
{
// addHeaders = true;

/**
* See NOTICE.txt
*/
htmlIgnore.add("src/main/java/org/apache/wicket/util/diff");
htmlIgnore.add("src/main/java/org/apache/wicket/markup/html/pages");

// the licence header breaks the tests in IE
htmlIgnore.add("src/test/js/all.html");
htmlIgnore.add("src/test/js/amd.html");

/**
* See NOTICE.txt
*/
xmlPrologIgnore.add("src/main/java/org/apache/wicket/util/diff");
// the xml prolog breaks the tests in IE
xmlPrologIgnore.add("src/test/js/all.html");
xmlPrologIgnore.add("src/test/js/amd.html");

/**
* .css in test is very test specific and a license header would confuse and make it unclear
* what the test is about.
*/
cssIgnore.add("src/test/java");
cssIgnore.add("src/test/js/qunit/qunit.css");

xmlIgnore.add("src/assembly/bin.xml");

/**
* ASL1.1. Taken from Maven JRCS. See NOTICE.txt
*/
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/AddDelta.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/ChangeDelta.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/Chunk.java");

```

```

javaIgnore.add("src/main/java/org/apache/wicket/util/diff/DeleteDelta.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/Delta.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/Diff.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/DiffAlgorithm.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/DifferentiationFailedException.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/DiffException.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/PatchFailedException.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/Revision.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/RevisionVisitor.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/ToString.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/myers/DiffNode.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/myers/MyersDiff.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/myers/PathNode.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/diff/myers/Snake.java");
/*
 * Needs to be resolved (rewritten or NOTICE)
 */
javaIgnore.add("src/main/java/org/apache/wicket/util/concurrent/ConcurrentReaderHashMap.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/concurrent/ConcurrentHashMap.java");
javaIgnore.add("src/main/java/org/apache/wicket/util/concurrent/CopyOnWriteArrayList.java");

javaIgnore.add("src/main/java/org/apache/wicket/ajax/json");

javaScriptIgnore.add("src/site/xdoc/onestat.js");

/*
 * .js in test is very test specific and a license header would confuse and make it unclear
 * what the test is about.
 */
javaScriptIgnore.add("src/test/java");
/*
 * See NOTICE.txt
 */
javaScriptIgnore.add("src/main/java/org/apache/wicket/markup/html/form/upload/MultiFileUploadField.js");
javaScriptIgnore.add("src/main/java/org/apache/wicket/resource/jquery");
javaScriptIgnore.add("src/test/js/qunit/qunit.js");
javaScriptIgnore.add("src/test/js/qunit/blanket.min.js");
javaScriptIgnore.add("src/test/js/amd/require.js");
javaScriptIgnore.add("src/test/js/data/ajax/nonWicketResponse.json"); // no way to add licence in JSON
}
}

```

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org.apache.wicket.markup.html.form.upload.MultiFileUploadField.js is taken from [1]
and has the following notice:

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Credit:

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Class by Stickman -- <http://www.the-stickman.com>

with thanks to:

[for Safari fixes]

Luis Torre Franca -- <http://www.law.pitt.edu>

and

Shawn Parker & John Pennypacker -- <http://www.fuzzycocoanut.com>

[for duplicate name bug]

'neal'"

[1]: <http://the-stickman.com/web-development/javascript/upload-multiple-files-with-a-single-file-element/>
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*/
```

```
package org.apache.wicket.protocol.ws.util.license;
```

```
import org.apache.wicket.util.license.apacheLicenseHeaderTestCase;
```

```
/**
```

```
* Test that the license headers are in place in this project. The tests are run from
* { @link org.apache.wicket.util.license.apacheLicenseHeaderTestCase }, but you can add project specific tests here
if needed.
```

```

*/
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
/**
* Construct.
*/
public ApacheLicenceHeaderTest()
{
// addHeaders = true;
}
}
/*
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*/
package org.apache.wicket.protocol.ws.util.licence;

import org.apache.wicket.util.licence.ApacheLicenseHeaderTestCase;

/**
* Test that the license headers are in place in this project. The tests are run from
* { @link org.apache.wicket.util.licence.ApacheLicenseHeaderTestCase }, but you can add project specific tests here
if needed.
*/
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
/**
* Construct.
*/
public ApacheLicenceHeaderTest()
{
// addHeaders = true;
}
}
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```

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*/

```
package org.apache.wicket.util.license;
```

```
import java.io.File;
import java.util.Arrays;
import java.util.List;
```

```
import org.junit.Assert;
```

```
class XmlPrologHeaderHandler extends XmlLicenseHeaderHandler
```

```
{
```

```
/**
```

```
 * Construct.
```

```
 *
```

```
 * @param ignoreFiles
```

```
 */
```

```
public XmlPrologHeaderHandler(final List<String> ignoreFiles)
```

```
{
```

```
    super(ignoreFiles);
```

```
}
```

```
@Override
```

```
public List<String> getSuffixes()
```

```
{
```

```
    return Arrays.asList("html");
```

```
}
```

```
/**
```

```
 * @see org.apache.wicket.util.license.XmlLicenseHeaderHandler#checkLicenseHeader(java.io.File)
```

```
 */
```

```
@Override
```

```
public boolean checkLicenseHeader(final File file)
```

```
{
```

```
    try
```

```
{
```

```

String header = extractLicenseHeader(file, 0, 1);
return header.startsWith("<?xml");
}
catch (Exception e)
{
    Assert.fail(e.getMessage());
}
return true;
}
}
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*/
package org.apache.wicket.util.license;

/**
* Test that the license headers are in place in this project. The tests are run from
* { @link ApacheLicenseHeaderTestCase }, but you can add project specific tests here if needed.
*
* @author Frank Bille Jensen (frankbille)
*/
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
    /**
    * Construct.
    */
    public ApacheLicenceHeaderTest()
    {
        // addHeaders = true;
    }
}
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```

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*/
package org.apache.wicket.request.util.license;

import org.apache.wicket.util.license.ApacheLicenseHeaderTestCase;

/**
 * Test that the license headers are in place in this project. The tests are run from
 * { @link org.apache.wicket.util.license.ApacheLicenseHeaderTestCase }, but you can add project specific tests here
 * if needed.
 *
 * @author Frank Bille Jensen (frankbille)
 */
public class ApacheLicenceHeaderTest extends ApacheLicenseHeaderTestCase
{
    /**
     * Construct.
     */
    public ApacheLicenceHeaderTest()
    {
        // addHeaders = true;
    }
}

```

1.53 WiQuery 6.2.0

1.53.1 Available under license :

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